RMA Seventy Five Years 1915-1990 **Industry Report**

CONFIDENTIAL A8310-1

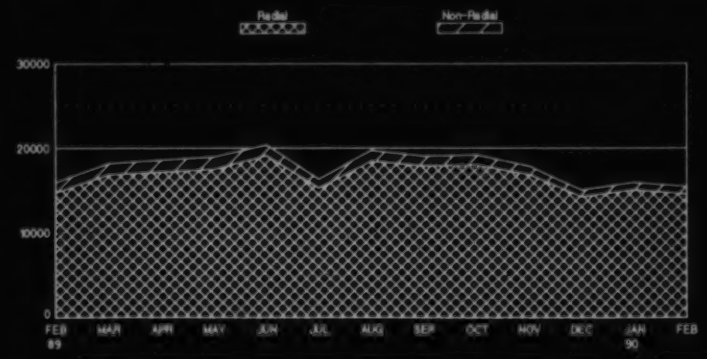
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

MONTHLY TIRE REPORT

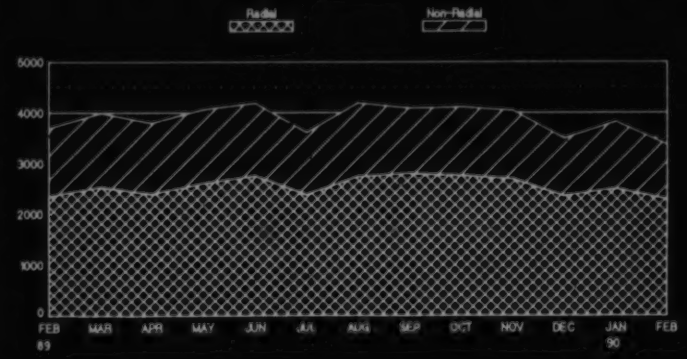
FEBRUARY 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

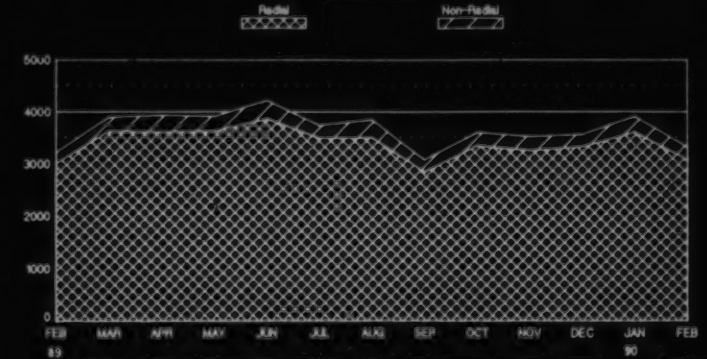
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



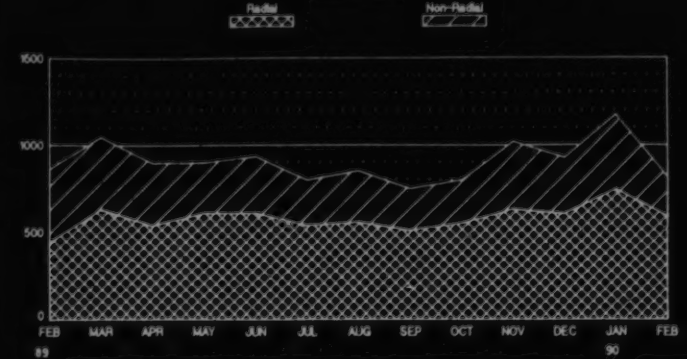
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
PREV YTD	9,300	8,109	22,018	20,784	2,166	1,990	33,484	30,883	30,353	28,118	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,878	2,503	11,992	11,552	1,071	1,024	15,941	15,078	15,516	14,937	35,281	33,676
FEBRUARY	3,876	3,402	10,536	10,160	1,045	996	15,457	14,558	14,033	13,436	37,318	35,767
CURR YTD	6,753	5,904	22,528	21,712	2,116	2,020	31,397	29,636	29,549	28,373	37,318	35,767
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	34.7	35.9	-12.1	-12.0	-2.4	-2.7	-3.0	-3.5	-9.6	-10.1	5.8	6.2
PREV/CURR	-15.0	-14.6	2.5	4.3	-3.2	-0.8	-2.9	-1.2	-5.4	-2.3	21.8	25.4
YTD CHG	-27.4	27.2	2.3	4.5	-2.3	1.5	-6.2	-4.0	-2.6	0.9	23.0	26.5

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
PREV YTD	1,534	1,268	5,444	3,126	616	464	7,595	4,858	6,693	4,375	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,986	1,811	289	222	3,822	2,504	3,371	2,351	8,284	5,773
FEBRUARY	617	532	2,448	1,519	309	242	3,374	2,294	3,147	2,190	8,888	6,268
CURR YTD	1,165	1,004	5,434	3,330	597	464	7,196	4,798	6,518	4,541	8,888	6,268
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	12.7	12.9	-18.0	-16.1	6.9	9.4	-11.7	-8.4	-6.7	-6.9	7.3	8.6
PREV/CURR	-21.8	-18.6	-6.1	2.8	3.8	9.2	-8.7	-2.5	-3.6	2.5	22.8	41.8
YTD CHG	-24.1	-20.9	-0.2	6.6	-3.1		-5.2	-1.2	-2.6	3.8	22.4	40.0

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
PREV YTD	158	16	549	28	51	1	758	45	719	41	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	778	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY	81	9	220	7	32	2	332	18	276	17	677	31
CURR YTD	170	17	501	20	57	3	728	40	610	34	677	31
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-9.1	2.5	-22.0	-43.0	23.0	17.6	-16.2	-22.0	-17.5	-2.9	-5.0	-2.4
PREV/CURR	8.4	19.8	-10.1	-34.8	19.6	133.0	-3.8	-7.3	-22.2	-13.8	-7.7	47.0
YTD CHG	7.2	9.6	-8.7	-29.6	13.4	123.1	-3.9	-11.1	-15.2	-15.6	-2.3	49.6

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
PREV YTD	859		498	3	62	1	1,419	4	1,337	2	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
CURR YTD	1,215		592	1	68		1,876	2	1,965		2,185	3
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-3.0	-88.4	-31.6	-34.9	27.9	-88.5	-12.2	-54.2	-5.0	-100.0	-1.2	11.8
PREV/CURR	38.4	-68.4	25.4	-64.2	5.8	-96.5	32.8	-73.3	43.2	-100.0	120.1	-51.4
YTD CHG	41.5	-27.1	18.8	-60.9	9.5	-71.1	32.1	-59.4	47.0	-100.0	114.8	-48.3

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
PREV YTD	843	973	2,091	961	504	256	350	179
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
CURR YTD	904	776	1,867	1,497	528	503	354	269
MARCH								
APRIL								
MAY								
JUNE								
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	-18.6	-8.9	-16.4	-13.8	-13.0	-9.9	-19.7	5.2
PREV/CURR	9.2	-52.2	-4.1	50.6	18.6	100.8	25.8	26.3
YTD CHG	7.3	-20.2	-10.7	55.8	4.7	97.0	1.3	50.5

MONTH: FEBRUARY, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 04/26/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	363	169	3	402	177	412	501	60
PREV YTD	6,187	495	348	120	555	634	317	5	749	338	711	840	100
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
CURR YTD	6,678	557	589	63	750	590	234	6	1,246	328	722	862	201
MARCH													
APRIL													
MAY													
JUNE													
JULY													
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	-14.7	-18.0	-14.5	-26.0	-25.8	-48.7	-14.5	36.5	-9.9	-23.3	-28.0	-18.4	-52.4
PREV/CURR	2.0	21.1	54.8	-54.1	9.7	-45.2	-36.4	-0.5	46.8	-19.7	-26.7	-22.7	7.6
YTD CHG	7.9	12.6	69.2	-47.1	35.0	-6.9	-26.2	9.3	66.4	-2.9	1.6	2.7	100.7

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractor. Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER T[illegible]: All inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Denman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.